

Dr. Lyle Robertson, left, Dr. Doug Bryman and Terry Hodges with one of the last UVic-designed pieces (a pi-meson production target) to be installed in the TRIUMF project.

"TRIUMF" TO TRIUMPH

The Department of Physics' nine years of design work for the \$30-million TRIUMF project has reached fruition as the massive facility on the University of British Columbia campus finally reaches its operational stage.

Dr. Grenville Mason, one of about 25 scientists and technicians who have contributed to UVic's part of the scheme since it was initiated in 1966, said that

after delays due to technical difficulties, it is anticipated the TRIUMF cyclotron will fire its first high intensity proton beam this week.

TRIUMF (Tri-University Meson Factory) is a joint project funded by the Atomic Energy Control Board, and the participating universities of Victoria, British Columbia, Simon Fraser and Alberta. There are only two other meson factories like it in the world — in Zurich, Switzerland, and Los Alamos, New

Mexico, and Dr. Mason said they are just in the commissioning stages.

By producing a high energy proton beam (500 million electron volts), TRIUMF will produce secondary particles called pi-mesons and mu-mesons, as well as neutrons, which will be directed into laboratories where many scientists will carry out various experiments simultaneously.

This means TRIUMF will open many areas of research in nuclear physics, and also provide new tools for chemistry and materials science, and develop various kinds of radiotherapy.

Each of the four universities took over separate design commitments for TRIUMF. UVic's contribution has been mainly the design of beam lines and targets carried out in the basement of the Elliott Building. Most of the equipment has been shipped to the Vancouver site for installation.

Dr. Mason said this does not mean, however, that TRIUMF is shutting down at UVic. "We're now changing over from an emphasis on design to the experimental sides of things."

Once a beam has been fired from the cyclotron, several months of testing will follow to ensure performance is up to anticipated quality.

Dr. Mason said scientists are chomping at the bit to get started with experiments. The first projects will include physicists from Canadian universities as well as from England and Japan.

Present TRIUMF director is Dr. J.R. Richardson, on leave from the University of California, who originated the concept of this type of cyclotron.

The associate directorship is rotated each year among the four universities, and this year it is UVic's Dr. R.M. Pierce, who is on leave of absence to be at the main TRIUMF site.

Besides Dr. Mason, other UVic faculty involved are Dr. Lyle Robertson, Dr. George Beer and Dr. Don Lobb, who are working on the experimental side, and theoreticians Dr. Charles Picciotto and Dr. Chi-Shiang Wu.

Also involved are research associates Dr. Doug Bryman, Dr. Art Olin, Terry Hodges and Paul Reeve.



John Windsor: another crossroads now he has a M.A.

HE DID IT BLIND

John Windsor, at the age of 53, has just completed his M.A. in History at the University of Victoria. He is blind. He lost his eyes on May 24, 1944, when the tank he commanded was hit during the battle for the Melfa River in Italy.

Gaining this degree is only one of Mr. Windsor's remarkable achievements. Before he had entered his B.A. programme here in 1969, he had been elected twice for two-year terms with Central Saanich council, he had sold numerous free-lance articles on a wide variety of subjects, and he was the author of four books.

Possessing "a keen interest in politics" he had also run unsuccessfully as an NDP candidate in the 1963 provincial elections.

And he describes himself as "a very average person" and as an "everyday sort of writer".

He has also managed to raise a family of three: two daughters and a son Stephen, 19, who is still at home. And when he first came to Vancouver Island and Brentwood in 1953, he bought a small farm, raised chickens, geese, even

bees, and every morning rose early to milk goats.

Aside from everything else, how does a blind person manage to gain an M.A. on top of a B.A.? With help from his wife, friends, universities, a cassette tape recorder, and mainly sheer persistence and ability.

"I have a lot of friends who read to me on a regular basis." Mr. Windsor took a cassette recorder to lectures and whispered notes into it. At home he would dictate his material to his wife who would type it out.

When he graduated with first-class honours for his B.A., his thesis being on the Yukon Field Force of 1898, he received a number of awards, and was given a UVic fellowship, which was renewed for the last year of his M.A.

Earlier this month he defended his M.A. thesis: "Some Aspects of Military Activities in Huronia, 1649".

Most of his research on this topic had to be gleaned from the *Jesuit Relations*, 15 volumes of which were put on tape for him by the library of the University of British Columbia.

Mr. Windsor's life has been a struggle

since the war — against depression, boredom and the frustrations of being blind.

A native of Edmonton, who was raised in Calgary, he went to the Royal Military College of Canada in 1939, joining the Lord Strathcona Horse in 1941 as a lieutenant. He met his wife-to-be in Great Britain and married her in 1943 before shipping out as a captain to the campaigns in North Africa and Italy.

When the fateful battle came, 12 out of 16 tanks were lost, including his. "All my crew survived, and only I was seriously hurt."

Under machine-gun fire, he and his crew made it to a trench. Upon regaining consciousness, when he was being taken back to hospital in an ambulance, he was told his nose had been blown off and his eyes removed.

After he had recuperated back in England and had his nose rebuilt by plastic surgery, he and his wife and small daughter went to Church-Stretton where he entered St. Dunstan's School for the war blind. His spirits were low. "One is rather depressed when blind at first."

But at St. Dunstan's he regained his confidence. "My wife and I looked back at that period as a very happy one."

Following the war, they returned to Canada, where years of frustration awaited.

Not sure what he wanted to do, he enrolled in an industrial relations and personnel management course at Queen's University. He placed eighth in a class of 32 but "I didn't get a job, even though those who had failed the course were offered employment. No one wanted to take the chance of hiring a blind person."

The Windsors then decided to move to Vancouver. "It was the same thing there. 'Don't phone us, we'll phone you.'"

He eventually got a job making springs in a furniture factory, and finally Kelly-Douglas offered him a personnel job.

"They were very decent, but they gave me a desk with nothing to do."

After five years he resigned. "I was itching just for the opportunity to see what I could do, but I knew it was not going to happen."

In 1953 they moved to Brentwood and the rustic life of the country. However, after awhile, "I found I got a little bored."

That was when he turned to writing and politics. After many rejection slips, he finally sold a piece to the Times and received \$3 for it. "I was so happy that day. The money wasn't much, but I had broken through a major psychological barrier."

In 1961, he was encouraged by Sidney

publisher Gray Campbell to write his life story. It came out entitled *Blind Date*, had two printings, and was serialized by the CBC.

He then did a biography of local entertainer Jerry Gosley called *Nowhere Else to Go* (Campbell) followed by a biography of Canadian war hero George Paterson called *Mouth of the Wolf* (Hodder and Stoughton) with an introduction by Field Marshall Montgomery.

His last book, *Girl from Tibet* (Loyola University Press) came out in 1970. It was about a Tibetan girl and her experiences and recollections, and Mr. Windsor, through arrangements with friends in the U.S., had her put up in a nearby hotel so he could interview her for two weeks. The book contains a foreword by the Dalai Lama.

Despite his latest success with the M.A., Mr. Windsor has hit another low in his life. Last year his wife died after a long illness, which "made me very depressed."

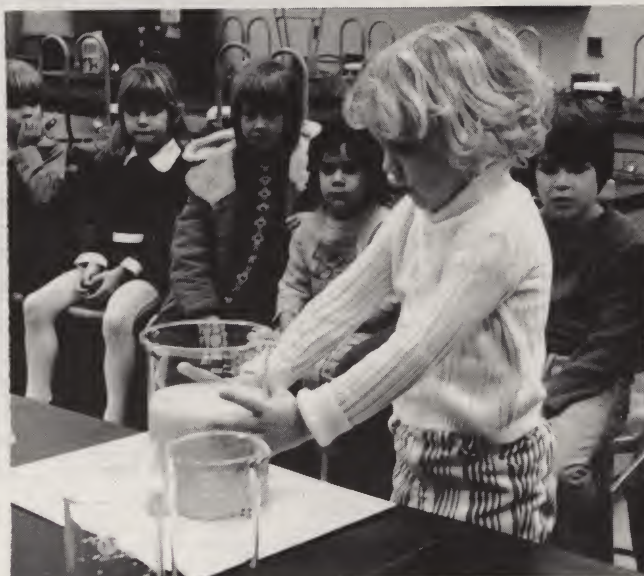
And now he is suffering from "cabin fever", having little to do and no way of getting out at least once a week. "These are long dreary days when I have nothing to read."

But he plans on trying to write an historical novel and perhaps go on to a doctorate.

He added he wouldn't mind teaching a university course. "I think, however, my chances may be rather slim."



Dr. Reg ("Merlin") Mitchell (Chemistry) puts a group of bedazzled children under his spell with a performance of wizardry in an Elliott Building Laboratory. He evoked snake-like creatures out of nowhere, shattered bananas and weiners into a thousand bits, created mountains out of molehills, and with a little abracadabra transformed liquids into different colors as in the case of this little girl puzzledly watching a water-like substance turn into what seems to be milk. The children are from Beacon Hill Elementary, a parent co-op school, and they were accompanied by teacher parent Shelah Levey, and parents Ada Kudra, Jean Corrigan and Mary Bouchier.



Elaine Limbrick, B.A., *Docteur de Troisième Cycle*, has been appointed Acting Head of the Department of French Language and Literature, effective January 1 to June 30. Dr. Limbrick, an Associate Professor who has been with the department for nine years, replaces R.R. Jeffels, who has been named Principal of Okanagan College in Kelowna, effective January 1.

APPEAL SUCCESS

Some 205 University personnel have contributed a total of \$13,524 to this year's United Appeal campaign, an increase of \$1,000 over last year.

Dr. L.E. Devlin, campus co-ordinator for the campaign, said he wishes to thank donors for their generous response.

He added that donations are still welcome, and can be made through local 805.

FACULTY NEWS

GEOGRAPHY

Dr. Harold D. Foster recently arranged and led a field trip for students of Geography 376 to examine volcanic hazards in the American Pacific Northwest.

They visited Crater Lake, which now occupies the summit of Mount Mazama in Southern Oregon. The Crater Lake caldera is about 5½ miles in diameter and nearly circular in outline. The lake, as much as 2,000 feet deep in places, lies at an elevation of 6,160 feet and is surrounded by steep cliffs which rise to altitudes of 8,000 feet around its periphery. The eruption responsible for its formation occurred 6,600 years ago and deposited volcanic ash as far north as southern Vancouver Island.

On their way to Crater Lake, the students visited Electron Mudflow, 200 million cubic yards of debris which flowed northwest for 35 miles from the flanks of Mount Ranier only 500 years ago, and Lava Butte, an extinct but well-preserved cinder cone near Bend, Oregon.

CHEMISTRY

Dr. Robert N. O'Brien has been appointed to the Committee of Organization and Personnel of the B.C. Research Council's Board of Management. Dr. O'Brien is serving his second three-year term as the University's representative on the board.

COMING EVENTS

FRIDAY, November 29

12:30pm Music at Noon. UVic Chamber Singers. MacLaurin 144.

12:30pm Recital-Lecture, Department of French Language and Literature. MacLaurin 101. Professor H.G. Francq, Brandon University will speak in French on La Fontaine.

5-11pm Music. MacLaurin Lobby. New electronic composition by UVic composer Rudolf Komorous. One may arrive at any time and remain indefinitely. The composition is continuous — pick your portion!

6:30pm Women's Basketball. UVic Gymnasium. UBC vs. UVic.

7:15pm Cinecenta Films. Elliott 168. "Steamboat Bill Jr." (USA 1927). Also Charlie Chaplin's "The Circus" (1928).

8:30pm Men's Basketball. UVic Gymnasium. UBC vs. UVic.

SATURDAY, November 30

6:30pm Women's Basketball. UVic Gymnasium. UBC vs. UVic.

7:00pm Cinecenta Films. MacLaurin 144. "Fellini's Roma" (Italy 1972).

8:30pm Men's Basketball. UVic Gymnasium. UBC vs. UVic.

9:15pm Cinecenta Films. MacLaurin 144. "Fellini's Roma" (Italy 1972).

SUNDAY, December 1

2:30pm Music. Vancouver ARTs Gallery. UVic Sonic Lab performance.

8:00pm UVic Film Society. MacLaurin 144. Evald Schorm's "The End of a Priest" (Czech 1968).

MONDAY, December 2

4:00pm Lecture, Department of Biology. Cunningham 1018. Dr. R. Reid, UVic, will speak on "Carnivorous clams from the Norwegian fjords".

TUESDAY, December 3

7:30pm CUPE Education Classes. Cornett 165.

7:30pm Lecture, Department of Bacteriology and Biochemistry. Green Room, Commons Block. End of Term Programme.

WEDNESDAY, December 4

7:30pm Senate Meeting. Cornett 112.

THURSDAY, December 5

12:30pm Meeting, UVic Women's Action Group. Craigdarroch 203.

9:40pm Cinecenta Films. MacLaurin 144. Eric Rohmer's "My Night at Maud's" (France 1969).

FRIDAY, December 6

12:30pm Final Fridaymusic. MacLaurin 144. Collegium Musicum, Christine K. Mather, Director. Final "Fridaymusic" until January 10, 1975.

7:15pm Cinecenta Films. MacLaurin 144. "The Treasure of the Sierra Madre." (USA 1948).

8:00pm Music. Christ Church Cathedral. The University Chorus and University Orchestra, George Corwin, conductor, in Bruckner's E minor Mass.

SATURDAY, December 7

7:15pm Cinecenta Films. MacLaurin 144. "A Night at the Opera" (USA 1935).

8:00pm Music. Christ Church Cathedral. The University Chorus and University Orchestra, George Corwin, conductor, in Bruckner's E minor Mass.

SUNDAY, December 8

7:15pm Cinecenta Films. MacLaurin 144. "A Night at the Opera" (USA 1935).



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